

Florida Department of Transportation
Bid Solicitation Notice and Approximate Quantities

Letting:	05160503	Call Order: 003	Proposal: E5Y27	District:05
Counties:	LAKE, ORANGE			
Road Name:	SR 429 (WEKIVA PKWY) - ITS FREEWAY MANAGEMENT			
Limits:	11320000			
Project(s):	43749315201	Federal Aid No:	N/A	
Project(s):	43750115201(*)	Federal Aid No:	N/A	
Total Roadway Length:	2.845 Miles	Contract Days:	170	
Total Bridge Length:	0.000 Miles	Letting Date:	05/03/16	
Total Proposal Length:	2.845 Miles	Contract Execution Days:		
		Special Start Date:	N/A	
		Aquis/Flexible Start Time:	30	
Proposal Budget Estimate:	\$1,312,661.00			

Please read the full advertisement

Description:

437501-1-52-01, g/w 437493-1-52-01 Intent and Scope

The Improvements under this Contract consist of the installation of the Wekiva 4A and 4B (SR 429) intelligent transportation system (ITS) facilities. This includes a communication system made up of conduit, fiber optic cable and a new master hub. In addition, the project includes closed circuit television (CCTV) cameras, microwave vehicle detection system (MVDS) devices and the power necessary to operate all of the equipment. The limits of the project are along SR 429 (Wekiva Parkway) from Mount Plymouth Road in Orange County to SR 46 in Lake County.

The summary of pay items for this project is listed in the Plans.

PREQUALIFICATION REQUIRED

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ALT	Item	Description	Unit	Quantity
Section 0002 Roadway				
	0101- 1-	MOBILIZATION	LS	1.000
	0101- 1-	MOBILIZATION	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (43749315201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (43750115201)	LS	1.000
	0102- 60-	WORK ZONE SIGN	ED	1,020.000
	0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	14,580.000
	0102- 76-	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	170.000
	0110- 1- 1	CLEARING & GRUBBING (43749315201)	LS	1.000
	0110- 1- 1	CLEARING & GRUBBING (43750115201)	LS	1.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (43749315201)	LS	1.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (43750115201)	LS	1.000
Section 0010 Intelligent Transportation System				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	21,365.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	5,942.000
	0630- 2- 14	CONDUIT, FURNISH & INSTALL, ABOVEGROUND	LF	15.000
	0630- 2- 15	CONDUIT, FURNISH & INSTALL, BRIDGE MOUNT	LF	3,138.000
	0633- 1-123	FIBER OPTIC CABLE, F&I, UNDERGROUND,49-96 FIBERS	LF	30,530.000
	0633- 2- 31	FIBER OPTIC CONNECTION, INSTALL, SPLICE	EA	256.000

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ALT	Item	Description	Unit	Quantity
	0633- 2- 32	FIBER OPTIC CONNECTION, INSTALL, TERMINATION	EA	48.000
	0633- 3- 11	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE ENCLOSURE	EA	9.000
	0633- 3- 12	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE TRAY	EA	26.000
	0633- 3- 15	FIBER OPTIC CONNECTION HARDWARE, F&I, PRETERMINATED PATCH PANEL	EA	9.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	45.000
	0635- 2- 12	PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE	EA	8.000
	0635- 2- 13	PULL & SPLICE BOX, F&I, 30" X 60" RECTANGULAR OR 36" ROUND COVER SIZE	EA	12.000
	0635- 3- 11	JUNCTION BOX, FURNISH & INSTALL, AERIAL	EA	12.000
	0639- 1-121	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER FURNISHED BY POWER COMPANY	AS	2.000
	0639- 2- 1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	LF	15,058.000
	0639- 3- 11	ELECTRICAL SERVICE DISCONNECT, F&I, POLE MOUNT	EA	9.000
	0639- 6- 1	ELECTRICAL POWER SERVICE- TRANSFORMER FURNISH & INSTALL	EA	9.000
	0641- 2- 12	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE	EA	4.000
	0641- 2- 14	PRESTRESSED CONCRETE POLE, F&I, TYPE P-IV	EA	7.000
	0660- 3- 11	VEHICLE DETECTION SYSTEM- MICROWAVE, FURNISH & INSTALL CABINET EQUIPMENT	EA	7.000
	0660- 3- 12	VEHICLE DETECTION SYSTEM- MICROWAVE, FURNISH & INSTALL, ABOVE GROUND EQUIPMENT	EA	7.000
	0676- 2-122	ITS CABINET, FURNISH & INSTALL, POLE MOUNT WITH SUNSHIELD, 336S, 24" W X 46" H X 22" D	EA	7.000
	0677- 1- 11	EQUIPMENT SHELTER, FURNISH & INSTALL, UP TO 120 SF	EA	1.000
	0682- 1-113	ITS CCTV CAMERA, F&I, DOME PTZ ENCLOSURE - PRESSURIZED, IP, HIGH DEFINITION	EA	5.000
	0684- 1- 1	MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL	EA	7.000
	0684- 2- 1	DEVICE SERVER, FURNISH & INSTALL	EA	6.000
	0684- 7-	MANAGED ETHERNET HUB SWITCH	EA	1.000
	0685-106-	SYSTEM AUXILIARIES, F&I, UNINTERRUPTIBLE POWER SOURCE	EA	8.000
	0685-127-	SYSTEM AUXILIARIES, FURNISH & INSTALL TELEPHONE CONNECTION BOX	EA	1.000